

Appendix C

Outreach Activities

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Outreach Activities

Effective November 20, 2007, Pacific Gas and Electric Company (PG&E) and the California Department of Water Resources (DWR) entered into the *Habitat Expansion Agreement for Central Valley Spring-Run Chinook Salmon and California Central Valley Steelhead* (HEA) with the following parties: American Rivers, Arthur G. Baggett, Jr.¹; California Department of Fish and Game (DFG); U.S. Department of Agriculture Forest Service (Forest Service); National Marine Fisheries Service (NMFS); U.S. Fish and Wildlife Service (USFWS); and State Water Contractors, Inc. A copy of the HEA is available on the HEA website: www.sac-basin-hea.com. DWR and PG&E (the Licensees) formed a Steering Committee, comprised of two representatives each, to execute the HEA in accordance with its terms and conditions.

The HEA allows the Licensees 2 years to jointly identify, evaluate, and select the most promising and cost-effective action(s) to expand spawning, rearing, and adult holding habitat for spring-run Chinook salmon and steelhead in the Sacramento River Basin. The Steering Committee consulted with NMFS and the HEA signatories, and requested input from directly affected and responsive third parties (herein referred to as *other stakeholders*) to identify potential actions that could qualify under the HEA. These outreach efforts assisted the Licensees with the development of the Draft and Final Habitat Expansion Plan (HEP).

The following sections describe how the Licensees, using the Steering Committee, sought input and shared information with NMFS, the HEA signatories, and other stakeholders. Table C-1 lists in chronological order the various outreach efforts by the Licensees during development of the Draft and Final HEP. The Licensees will continue their outreach efforts through completion of their responsibilities under the HEA. Chapter 5 of the Final HEP identifies the remaining phases of the HEA.

¹ Mr. Baggett, a member of the California State Water Resources Control Board (State Water Board), signed the HEA as a recommendation to the State Water Board. Neither he nor the State Water Board is a Party to the HEA. Mr. Baggett will not be participating in the State Water Board's consideration of any petition for water quality certification for any Habitat Expansion Plan pursuant to Section 401 of the federal Clean Water Act.

Table C-1. Chronological Summary of HEA Steering Committee Outreach Activities

Date	Venue	Audience	Description
2008			
Fall 2008	Website	HEA Signatories	Developed a website providing background information on the HEA
4/30/2008	Conference call	NMFS	Reviewed status of the Licensees' efforts on implementing the HEA and requested feedback from NMFS on how to solicit proposals as a means of identifying actions
7/10/2008	Symposium	Salmonid Restoration Federation's Spring-Run Chinook Salmon Symposium	Presented on the HEA and participated in a panel discussion on habitat expansion opportunities for spring-run Chinook salmon
8/20/2008	Meeting	NMFS	Reviewed the draft Work Plan for fulfilling the HEA and efforts to date, application of HEA criteria to a preliminary list of actions, and methods used to determine contribution to the HET
10/28/2008	Letter	HEA Signatories	Provided an update on implementation of the HEA and initiated contact with representatives from each signatory
12/5/2008	Meeting	Agency Partnering Meeting	Attended the 16 th Partnering Session of USFWS, NMFS, Corps, EPA, and DFG; presented on the HEA
2009			
1/14/2009	Meeting	HEA Signatories	Met with signatories representing the central Sacramento River Basin watersheds to solicit information on potential habitat expansion actions
1/21/2009	Meeting	HEA Signatories	Met with signatories representing the northern Sacramento River Basin watersheds to solicit information on potential habitat expansion actions
1/28/2009	Meeting	HEA Signatories	Met with signatories representing the southern Sacramento River Basin watersheds to solicit information on potential habitat expansion actions
3/6/2009	Letter	Other Stakeholders	Solicited feedback on the development of potential habitat expansion actions for the HEP
3/10/2009	Website	HEA Signatories and Other Stakeholders	Posted a new page to the HEA website providing stakeholders with instructions on how to provide input on potential habitat expansion actions
4/2009 – 9/2009	Personal communication	RCDs, Watershed Groups	Offered information regarding the HEA and informed them on how to provide input on potential habitat expansion actions

Date	Venue	Audience	Description
4/8/2009	Meeting	NMFS	Reviewed the framework for evaluating and selecting habitat expansion actions, working definitions for HEA criteria, methodology used to determine the HET, and list of potential habitat expansion actions; also learned about NMFS' proposed Upper Yuba River actions
5/13/2009	Letter	American Rivers	Replied to a letter received from Steve Rothert of American Rivers
5/28/2009	Conference call	NMFS	Reviewed NMFS' comments received on various HEA documents, approach for applying the HEA Evaluation Criteria, Working List of Potential Actions, and recommendations for determining contribution to the HET
6/15/2009	Meeting	HEA Signatories and Other Stakeholders	Provided an update on the Working List of Potential Actions considered for the HEP and requested feedback on the approach for applying the HEA criteria and quantification methods used to determine contribution to the HET
7/7/2009	Symposium	Lower Yuba River Symposium	Attended the symposium and met with members of the RMT to discuss potential habitat expansion actions on the Lower Yuba River; also learned about other actions received via HEA questionnaires
8/12/2009	Meeting	HEA Signatories and Other Stakeholders	Reviewed revised approach for applying the HEA criteria, presented the Ranked Preliminary List of Viable Actions, and requested feedback on revised approach for applying HEA Evaluation Criteria
10/15/2009	Meeting	HEA Signatories and Other Stakeholders	Presented the List of Viable Actions, reviewed the method for determining contribution to the HET, presented actions under consideration for the Draft HEP; again requested feedback on the approach for applying the HEA criteria and quantification methods for determining contribution to the HET
11/6/2009	Conference Call	Principals from NMFS and Licensees	Discussed eligibility of actions to be recommended in the Draft HEP (Lower Yuba River Actions and Three-Creek Actions)
2010			
1/13/2010	Meeting	Lower Yuba River Landowners	Educated landowners on the HEA and informed them of potential actions under consideration in their area
2/2010	Website	All interested parties	Posted comment letters received on the Draft HEP to the HEA website
4/28/2010	Meeting	NMFS	Reviewed comments received on the Draft HEP and status of activities performed to date to begin developing the Final HEP; also received an update from NMFS on the Upper Yuba River Actions

Date	Venue	Audience	Description
5/5/2010	Meeting	Principals from NMFS and Licensees	Discussed extending the time to develop the Final HEP by 6 months
5/10/2010	Email	HEA Signatories and Other Stakeholders	Explained that comment letters received on the Draft HEP are posted to the HEA website, as well as the working spreadsheets used to determine contribution to the HET; also informed them that, as a result of comments received on the Draft HEP, the Licensees will be requesting an extension from NMFS to prepare the Final HEP
5/12/2010	Meeting	NMFS	Reviewed methodology used in the Draft HEP for estimating contribution to the HET, an update on actions recommended in the Draft HEP, and potential Upper Yuba River Actions that could fulfill the HEA
5/18/2010	Letter	NMFS	Requested 6-month extension to develop the Final HEP (NMFS responded to the Licensees' request via a letter dated June 1, 2010, granting the 6-month extension to develop the Final HEP)
5/26/2010	Conference Call	American Rivers	Reviewed planned actions to be taken during the 6-month extension and reviewed comments received from American Rivers on the Draft HEP
5/26/2010	Conference Call	State Water Contractors	Reviewed planned actions to be taken during the 6-month extension and reviewed comments received from the State Water Contractors on the Draft HEP
6/2/2010	Conference Call	DFG	Reviewed planned actions to be taken during the 6-month extension and reviewed comments received from DFG on the Draft HEP
6/23/2010	Conference Call	USFWS	Reviewed planned actions to be taken during the 6-month extension and reviewed comments received from USFWS on the Draft HEP
6/29/2010	Symposium	Lower Yuba River Symposium	Attended the RMT's 2 nd annual symposium to learn about fisheries monitoring and evaluation in the Lower Yuba River
6/30/2010	Meeting	Corps	Met with representatives from the Corps to conduct a field visit of Englebright Dam, Sinoro Bar, and Daguerre Point Dam to learn about current and planned restoration activities by the Corps in the Lower Yuba River
7/16/2010	Meeting	DFG	Reviewed the proposed concept for an adaptive management plan related to the optional segregation weir component of the Lower Yuba River Actions
7/21/2010	Meeting	NMFS	Reviewed methodology used in the Draft HEP for estimating contribution to the HET and discussed potential Upper Yuba River Actions that could fulfill the HEA

Date	Venue	Audience	Description
8/17/2010	Meeting	YCWA	Provided an update on the development of potential actions in the Lower Yuba River and discussed potential actions in the Upper Yuba River
8/18/2010	Meeting	RMT	Provided an update on the development of potential actions in the Lower Yuba River and received feedback from the RMT on these actions based on ongoing studies performed by the RMT
9/8/2010	Meeting	Principals from NMFS and Licensees	Discussed progress made toward developing the Final HEP
9/27/2010	Conference Call	DFG	Reviewed comments received from DFG on the proposed concept for an adaptive management plan related to the optional segregation weir component of the Lower Yuba River Actions
11/8/2010	Letter	NMFS	Responded to letter of non-support for the Lower Yuba River Actions received from American Rivers, Trout Unlimited, South Yuba River Citizens League, and the Federation of Fly Fishers
Notes:			
Corps	U.S. Army Corps of Engineers	HET	Habitat Expansion Threshold
DFG	California Department of Fish and Game	NMFS	National Marine Fisheries Service
EPA	U.S. Environmental Protection Agency	RMT	Yuba River Management Team
HEA	Habitat Expansion Agreement	USFWS	U.S. Fish and Wildlife Service
HEP	Habitat Expansion Plan	YCWA	Yuba County Water Agency

C.1 HEA Website

The Licensees established a website early in the process to share information related to the HEA. The following documents are currently available on the website:

- the HEA,
- the first annual HEA status report,
- the draft Work Plan,
- the Draft HEP,
- the Final HEP,
- worksheets used to estimate contribution to the HET for the Draft and Final HEP,
- presentations from meetings with the HEA signatories and other stakeholders, and
- correspondence and completed HEA questionnaires received from the signatories.

During development of the Draft HEP, the website also offered instructions and forms for the HEA signatories and other stakeholders to submit actions for consideration in the HEP. Specifically, a questionnaire was made available for the HEA signatories and other stakeholders to complete and submit potential habitat expansion actions to the Licensees for consideration under the HEA. The 22 questionnaires that were received by the Licensees during preparation of the Draft HEP and one questionnaire received during preparation of the Final HEP are posted on the HEA website.

The Licensees updated information on the HEA website during development of the Draft and Final HEP, and will continue to update the website during all phases of the HEA, in an effort to inform signatories to the HEA and other stakeholders of recent developments.

C.2 Outreach to Signatories to the HEA

The Licensees actively reached out to the signatories to the HEA directly and through various venues. Some of the outreach activities that the Licensees arranged or participated in are described below.

C.2.1 Consultation with NMFS

The Licensees consulted² with NMFS throughout the development of the Draft and Final HEP. The Licensees communicated with NMFS periodically through emails and informal phone calls to keep NMFS informed on progress toward fulfilling the HEA, and to seek guidance on various HEA-related issues and how those issues should be reflected in the HEP.

The Licensees also scheduled meetings with NMFS periodically to discuss the HEA. Meetings included

- two conference calls and five face-to-face meetings with NMFS staff, and
- three conference calls/meetings with the principals from NMFS and the Licensees.

In May 2010, the Licensees also submitted a letter to the principals from NMFS requesting to extend the time needed to develop the Final HEP. The purpose for each consultation is described below.

² According to the definitions presented in Section 1.1 of the HEA, “consultation” means the act of conferring and is distinct from the term “consultation” under the ESA.

C.2.1.1 Consultation with NMFS Staff

April 2008 Conference Call

On April 30, 2008, the Licensees participated in a conference call with representatives from NMFS to:

- provide NMFS with an update on the Licensees's efforts on implementing the HEA;
- identify which branch from NMFS to work with regarding the NMFS Approval Criteria identified in the HEA;
- obtain feedback from NMFS on the idea of soliciting proposals as a means of identifying potential actions;
- receive feedback from NMFS on the compilation of appropriate actions from the PG&E/California Trout, Inc. (CalTrout) effort to prioritize Central Valley anadromous salmonid recovery actions (described below), and how this process could be integrated with the NMFS *Co-Manager Review Draft Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-Run Chinook Salmon and Central Valley Spring-Run Chinook Salmon and the Distinct Population Segment of Central Valley Steelhead* (Co-Manager Review Draft Recovery Plan); and
- obtain input on how the Licensees could integrate the HEA process with other recovery planning efforts, such as the USFWS Anadromous Fish Restoration Program (AFRP) and the CALFED Ecosystem Restoration Program.

August 2008 Meeting

On August 20, 2008, the Licensees met with NMFS and discussed the following topics:

- the Steering Committee's presentation at the July 10, 2008 Spring-Run Chinook Salmon Symposium sponsored by the Salmonid Restoration Federation,
- the draft Work Plan for fulfilling the HEA and efforts to date,
- application of the HEA criteria to the PG&E/CalTrout Prioritized Actions Contributing to Salmon and Steelhead Recovery Project list of prioritized actions,
- availability and use of the NMFS Co-Manager Review Draft Recovery Plan,
- methodologies for determining contribution of actions to the HET, and
- coordination with the HEA signatories.

April 2009 Meeting

On April 8, 2009, the Licensees met with NMFS to review:

- the framework for evaluating and selecting habitat expansion actions;
- *Working Definitions of the Evaluation, Selection, and Approval Criteria*;
- methodologies for determining contribution to the HET; and
- the list of potential habitat expansion actions.

On this day, the Licensees also first learned about NMFS' recommendation to consider the Upper Yuba River Actions.

May 2009 Conference Call

On May 28, 2009, the Licensees held a conference call with NMFS to discuss the following topics:

- NMFS review and comments on HEA documents, including the HEP timeline; HEA conceptual framework; and *Working Definitions of the Evaluation, Selection, and Approval Criteria*;
- the approach for applying the HEA Evaluation Criteria;
- the Working List of Potential Actions; and
- recommendations for determining contribution to the HET.

April 2010 Meeting

On April 28, 2010, the Licensees met with NMFS to review the following topics:

- comments received on the Draft HEP;
- update on the Draft HEP recommended actions (i.e., the Lower Yuba River Actions and Three-Creek Actions);
- strategy to develop the Final HEP;
- update from NMFS on the Upper Yuba River actions;
- terms of the HEA and identification of significant differences in interpretation of the HEA;
- objectives and goals for the next meeting of the principals from NMFS and the Licensees on May 5, 2010; and
- outreach with the HEA signatories and other stakeholders related to the 6-month extension to prepare the Final HEP.

May 2010 Meeting

On May 12, 2010, the Licensees met with NMFS. The purposes of the meeting were primarily to:

- review the methodology used in the Draft HEP for estimating contribution to the HET,
- discuss subsequent refinements to the method,
- provide an update on the actions recommended in the Draft HEP, and
- discuss potential actions in the Upper Yuba River that could fulfill the requirements of the HEA.

July 2010 Meeting

On July 21, 2010, the Licensees met with NMFS. The purposes of the meeting were primarily to:

- review again the method used in the Draft HEP for estimating contribution to the HET with an extended audience from NFMS technical staff,
- review results of a report prepared for the Steering Committee by Dr. Gregory B. Pasternack³, in which Dr. Pasternack independently estimated the contribution to the HET from a recommended action, and
- discuss potential actions in the Upper Yuba River that could fulfill the requirements of the HEA. NMFS had submitted an HEA questionnaire on June 29, 2010, describing salmon reintroduction options in the Upper Yuba River watershed.

C.2.1.2 Consultation with NMFS Principals

November 2009 Conference Call

On November 6, 2009, the principals from NMFS (regional director) and each of the Licensees (deputy director [DWR] and vice-president [PG&E]) participated in a conference call to discuss eligibility of actions under the HEA. No decision was made during the meeting regarding eligibility of the recommended actions under the HEA.

³ Gregory B. Pasternack, PhD, M.ASCE is a professor of watershed hydrology and geomorphology at the University of California, Davis. Dr. Pasternack has been involved with the Lower Yuba River for several years prior to the HEA; his expertise as a geomorphologist with specialized knowledge of the Lower Yuba River is broadly acknowledged. From 2003 to 2008, Dr. Pasternack was funded by the Anadromous Fish Restoration Program (AFRP) to study flow and habitat relationships, and how these relationships affect fish production processes in the stream. Dr. Pasternack presented his report *Estimate of the Number of Spring-Run Chinook Salmon That Could Be Supported by Spawning Habitat Rehabilitation at Sinoro Bar on the Lower Yuba River* to NMFS during the Steering Committee's meeting with NMFS on July 21, 2010.

May 2010 Meeting

On May 5, 2010, the principals from NMFS (regional director) and each of the Licensees (deputy director [DWR] and vice-president [PG&E]) participated in a status meeting regarding development of the Final HEP and a request to extend the time to complete the Final HEP by 6 months.

Six-Month Extension Request

On May 18, 2010, the Licensees submitted a letter to NMFS requesting a 6-month extension of time to prepare the Final HEP. NMFS had submitted extensive comments on the Draft HEP in a letter dated February 18, 2010. Comments included a recommendation for a formal time extension of 6 months to complete the Final HEP (1) to allow NMFS time to confer with the Licensees and other parties regarding its opinion that the Draft HEP was deficient; and (2) to allow NMFS to introduce new information and another alternative that NMFS believed would meet the requirements of the HEA. Section 5 of the HEA allows for the Licensees or NMFS to request an extension of time from each other to achieve the deadlines specified in the HEA. Section 5 further states that the request shall be granted if good cause exists. Although the Licensees did not agree with several comments and conclusions presented in NMFS' comment letter, the Licensees did agree that an extension of time was necessary (1) to address the comments received on the Draft HEP; and (2) to work toward developing a Final HEP that NMFS could approve.

In a letter dated June 1, 2010, NMFS confirmed that the requested extension was granted in accordance with Section 5 of the HEA.

September 2010 Meeting

On September 8, 2010, the principals from NMFS (regional director) and each of the Licensees (deputy director [DWR] and vice-president [PG&E]) participated in a meeting to discuss progress toward developing the Final HEP.

C.2.2 Consultation with HEA Signatories

The Licensees consulted with the HEA signatories throughout development of the Draft and Final HEP. The Licensees communicated with the HEA signatories periodically through letters, meetings, and conference calls. Each is described in the following sections.

C.2.2.1 Letters to HEA Signatories

On October 28, 2008, the Licensees sent a letter to the HEA signatories, to provide them with an update on implementation of the HEA and to initiate contact with staff from the various HEA parties in order to obtain additional contacts for, and information on, potential habitat expansion actions.

On May 13, 2009, the Licensees replied to a February 27, 2009 letter from Steve Rothert of American Rivers, requesting that documents in development be posted to the HEA website. The letter informed Mr. Rothert of draft work products that had been posted on the website and ongoing outreach efforts to signatories and other stakeholders.

C.2.2.2 Meetings with HEA Signatories during Development of the Draft HEP

The Steering Committee first met with the signatories to the HEA in January 2009 to solicit information on potential habitat expansion actions, identify contact persons for additional follow-up on potential actions, facilitate the receipt of completed questionnaires (see discussion below), and obtain a common understanding of the HEA criteria. Three meetings, which were divided by watersheds within the Sacramento River Basin, took place on:

- January 14, 2009, in Chico, California, focusing on potential actions in the central Sacramento River Basin watersheds;
- January 21, 2009, in Red Bluff, California, focusing on potential actions in the northern Sacramento River Basin watersheds; and
- January 28, 2009, in Sacramento, California, focusing on potential actions in the southern Sacramento River Basin watersheds.

In particular, the Steering Committee requested that the HEA signatories provide input on the Draft Working List of Potential Habitat Expansion Actions. The signatories to the HEA also were asked to submit information on actions to be considered for the HEP by completing an HEA comment form or questionnaire.

Additional meetings held in June, August, and October 2009 with the HEA signatories and other stakeholders are described below under “Communication with Both HEA Signatories and Other Stakeholders.”

C.2.2.3 Conference Calls with HEA Signatories during Development of the Final HEP

In May and June 2010, the Steering Committee held conference calls with representatives of each of the HEA signatories to inform them of the planned actions to be undertaken during the 6-month extension, update them on new

information received since the Draft HEP was issued, and request any available updates. The Steering Committee also reviewed the comments received on the Draft HEP from each respective party. Meetings were held with the following signatories:

- American Rivers on May 26, 2010;
- State Water Contractors on May 26, 2010;
- DFG on June 2, 2010; and
- USFWS on June 23, 2010.

The Licensees also asked each of the HEA signatories whether there was interest in meeting with all stakeholders or whether they were sufficiently informed on the plan for the extension. None of the HEA signatories expressed interest in a group meeting.

C.3 Outreach to Other Stakeholders

Stakeholder input and public support are critical to successful implementation of the actions proposed in the Final HEP. The Licensees worked closely with and sought input from other stakeholders, including local Resource Conservation Districts (RCDs) and watershed groups to identify potential actions that could qualify under the HEA.

During development of the Draft HEP, the Steering Committee contacted County Supervisors, local RCDs, and watershed groups in the Sacramento River Basin to obtain their input on potential habitat expansion actions to be considered in the Draft HEP. The various means that the Steering Committee reached out to other stakeholders are described below.

- On March 6, 2009, the Steering Committee sent a letter to stakeholders informing them about the opportunity for funding spring-run Chinook salmon and steelhead restoration actions and soliciting their feedback on the development of potential habitat expansion actions for the HEP.
- On March 10, 2009, the Steering Committee posted a new page on the HEA website providing stakeholders with instructions on how to provide input on potential habitat expansion actions by completing a questionnaire.
- During April through September 2009, the Steering Committee contacted individual RCDs and watershed groups via personal communication, offering information on the HEA and informing the stakeholders on how to provide input on potential habitat actions.

During development of the Final HEP, NMFS received a letter of non-support for the Lower Yuba River Actions presented in the Draft HEP from American Rivers, Trout Unlimited, South Yuba River Citizens League, and the Federation of Fly Fishers dated September 7, 2010. The letter claimed that the Lower Yuba River Actions did not meet at least three of the NMFS Approval Criteria

identified in the HEA (Section 4.2.3[c], [d], and [e] of the HEA), especially with respect to the eligibility of the Lower Yuba River Actions under the HEA. The Licensees responded to this letter, explaining the status of the Final HEP and further development of the Lower Yuba River Actions. The letter was sent before release of the Final HEP in November 2010. The response letter also stated that the Lower Yuba River Actions as presented in the Draft HEP were eligible under the HEA and did meet the NMFS Approval Criteria.

C.4 Communication with Both HEA Signatories and Other Stakeholders

The Steering Committee held several meetings with the HEA signatories and other stakeholders to provide them with an update on the status of the HEA process throughout development of the Draft and Final HEP. The following status meetings with HEA signatories and other stakeholders took place during development of the Draft HEP:

- On June 15, 2009, to inform them about the updated Working List of Potential Actions that was being considered for the HEP. The Steering Committee asked the HEA signatories and other stakeholders to provide feedback on the approach for applying the HEA criteria and quantification methods to determine contribution to the HET. Comments were received from DFG, USFWS, and American Rivers.
- On August 12, 2009, to review the revised approach for applying the HEA criteria and to present the Ranked Preliminary List of Viable Actions. The Steering Committee asked that the HEA signatories and other stakeholders provide comments on the revised approach for applying the HEA Evaluation Criteria and on the Ranked Preliminary List of Viable Actions. No written comments were received.
- On October 15, 2009, to present the List of Viable Actions, the method for determining contribution to the HET, and the actions under consideration for the Draft HEP. The Steering Committee asked the HEA signatories and other stakeholders to provide feedback on the approach for applying the HEA criteria and quantification methods to determine contribution to the HET. Comments were received from American Rivers and NMFS.

During development of the Final HEP, the Licensees sent an email message on May 10, 2010, updating the HEA signatories and other stakeholders on the status of development of the Final HEP. The email announced that comments received on the Draft HEP were posted to the HEA website and that the spreadsheets used to estimate the contribution to the HET cited in the Draft HEP (i.e., Chapter 4 and Appendix E) were posted to the HEA website. The email informed the HEA signatories and the other stakeholders that, as a result of comments received on the Draft HEP, the Licensees would formally request an extension from NMFS to prepare the Final HEP. The Licensees also thanked the HEA signatories and other stakeholders for their participation and support throughout the HEA process.

C.5 Communication on Specific Habitat Expansion Actions

During development of the Draft and Final HEP, the Licensees coordinated with the HEA signatories regarding the various habitat expansion actions that were evaluated in the Draft HEP and recommended in the Final HEP. This coordination effort is described below.

C.5.1 Development of the Draft HEP

The Steering Committee communicated through meetings, emails, and informal phone calls with HEA signatories and other stakeholders in targeted watersheds to further develop the habitat expansion actions considered in the Draft HEP. During preparation of the Draft HEP, the Steering Committee coordinated specifically with the following groups:

- Chico State University (CSU), Chico Research Foundation, and DFG regarding rehabilitation of the Iron Canyon Fish Ladder on Big Chico Creek;
- DFG and the RMT regarding potential habitat expansion actions proposed for the Lower Yuba River;
- Deer Creek Watershed Conservancy regarding supplementing flows, improving fish passage, and rehabilitating floodplain habitat on Deer Creek;
- Mill Creek Management Team (members include Mill Creek Conservancy, DFG, DWR, and Los Molinos Mutual Water Company) regarding the development of dedicated instream flows for Mill Creek; and
- USFWS, AFRP, and DFG regarding construction of a bridge at Paynes Crossing on Antelope Creek.

C.5.2 Development of the Final HEP

During preparation of the Final HEP, the Licensees maintained communication with individuals involved with the Three-Creek Actions to remain informed about the status of funding for those actions.

In addition, the Licensees participated in the following meetings to further develop the Lower Yuba River Actions:

- Conducted a field visit on June 30, 2010, with representatives from the Corps to Englebright Dam, Sinoro Bar, and Daguerre Point Dam to obtain an overview of current and planned restoration activities by the Corps in the Lower Yuba River.
- Met with DFG on July 16 and September 27, 2010, to review a proposed concept for an adaptive management plan related to the optional segregation

weir component and to seek their input. A copy of the conceptual plan is included in Appendix J of the Final HEP.

- Met with the Yuba County Water Agency (YCWA) on August 17, 2010, to provide an update on development of potential actions in the Lower Yuba River and to discuss potential actions in the Upper Yuba River.
- Met with the RMT on August 18, 2010, to update them on the Lower Yuba River Actions. The RMT is charged with implementing a detailed study program for the Lower Yuba River, as specified in the Lower Yuba River Accord (Yuba Accord). The meeting also served as a forum for the RMT to provide feedback on the Lower Yuba River Actions based on ongoing studies by the RMT. The draft cbec, inc. eco engineering report (2010) prepared for SYRCL, *Rehabilitation Concepts for the Parks Bar to Hammon Bar Reach of the Lower Yuba River*, also was discussed at the meeting.

C.6 Coordination with Landowners

After submittal of the Draft HEP, the Licensees continued outreach efforts to other stakeholders, and especially the landowners. The Licensees sent a letter and copy of the Draft HEP to landowners in the vicinity of the Lower Yuba River Actions, informing them of the HEA and the proposed restoration efforts for spring-run Chinook salmon habitat. The letter invited the landowners to comment on the Draft HEP and informed them of a public meeting that would be held for the Lower Yuba River landowners on the actions under consideration in their area. The public meeting was held on January 13, 2010.

During preparation of the Final HEP, the Licensees solicited temporary entry permits from private landowners for the purpose of providing an option for accessing Sinoro Bar and Narrows Gateway (i.e., sites for the recommended spawning habitat expansion actions; see Chapter 3 in the Final HEP).

The Licensees also contacted Western Aggregates, owners of several parcels along the floodplain of the Yuba River downstream of the Highway 20 Bridge, to discuss partnership opportunities and access for restoration activities.

C.7 Presentations at Symposia and Meetings

C.7.1 Salmonid Restoration Federation's Spring-Run Chinook Salmon Symposium

On July 10, 2008, the Steering Committee gave a presentation on the HEA and participated in a panel discussion on habitat expansion opportunities for spring-run Chinook salmon at the Salmonid Restoration Federation's Spring-Run Chinook Salmon Symposium held in Nevada City, California. The presentation is available on the HEA website.

C.7.2 Agency Partnering Meetings

On December 5, 2008, the Steering Committee attended the 16th Partnering Session of USFWS, NMFS, the Corps, the U.S. Environmental Protection Agency, and DFG to make a presentation on the HEA. This meeting provided the opportunity to inform the managers of these agencies about the HEA and the progress made to date.

C.7.3 Lower Yuba River Symposium

On July 7, 2009, the Steering Committee attended the Lower Yuba River Symposium, which provided an update on fisheries monitoring activities being conducted by the RMT. The Steering Committee had received questionnaires for potential actions on the Lower Yuba River, and attendance at this meeting brought about a better understanding of the Lower Yuba River Accord and the monitoring being conducted on the Lower Yuba River. It also gave the members of the Steering Committee the opportunity to meet with members of the RMT to discuss potential habitat expansion actions on the Lower Yuba River.

On June 29, 2010, the Steering Committee attended the RMT's 2nd Annual Lower Yuba River Symposium on Fisheries Monitoring and Evaluation in the Lower Yuba River. The symposium was attended by representatives of the resource agencies and other stakeholders engaged in implementation of the Yuba Accord. The Yuba Accord provides for \$5.5 million through 2016, primarily for monitoring and evaluation of Lower Yuba River fisheries and habitat. The symposium serves as its public review of the results of their monitoring and evaluation efforts.

C.8 Summary

Since the signing of the HEA, the Licensees have been actively reaching out to NMFS, the HEA signatories, and other stakeholders (including landowners), requesting their input throughout development of the Draft and Final HEP. The Licensees will continue coordination with the resource agencies, HEA signatories, landowners, and other stakeholders through completion of their responsibilities under the HEA.